



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

L. P. K.  
12-18-02  
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Paper  
PATENT  
(Assoc. Power  
of Attorney)

Applicants: STRUBLE

Examiner: \_\_\_\_\_

Serial No.: 09/842,404

Group Art Unit: 3762

Filed : 04/26/2001

Docket: P- 8032.00

Title : DIAGNOSTIC FEATURES IN BIATRIAL AND  
BIVENTRICULAR PACING

ASSOCIATE POWER OF ATTORNEY

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DEC 17 2002

Assistant Commissioner of Patents  
Washington, D.C. 20231

TECHNOLOGY CENTER R3700

Sir or Madam:

Please recognize Eric R. Waldkoetter, Reg. No. 36,713, Thomas G. Berry, Reg. No. 31,736, Girma Wolde-Michael, Reg. No. 36,724, Daniel W. Lathan, Reg. No. 30,401, Kenneth J. Collier, Reg. No. 34,982, Curtis D. Kinghorn, Reg. No. 33,926, Stephen W. Bauer, Reg. No. 32,192, Michael C. Soldner, Reg. No. 41,455, John W. Albrecht, Reg. No. 40,481, and Paul H. McDowall, Reg. No. 34,873 as associate attorneys for the attached list of patent applications, including the above-captioned patent application, and having full authority to prosecute all matters in the Patent and Trademark Office. Please direct all further correspondence to: Eric R. Waldkoetter, c/o Kathy Illg, Medtronic, Inc., 710 Medtronic Parkway (MS-LC340), Minneapolis, Minnesota 55432-5604.

Respectfully submitted,

6-26-02  
Date

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Attachment:  
List of Patent Applications (11 pages)

06/24/2002



## PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P10029.00	US			F			LW091	TFW	10/127,034 04/22/2002	

Agent: Agent Ref. No:  
 TITLE: PERCISE CARDIAC LEAD PLACEMENT BASED ON IMPEDANCE MEASUREMENTS  
 INVENTORS: Smits, Karel F.A.A.  
 Struble, Chester L.

P10157.00	US			F			LW091	TFW	10/127,037 04/22/2002	
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Agent: Agent Ref. No:  
 TITLE: CARDIAC RESYNCHRONIZATION WITH ADAPTIVE A1-A2 AND OR V1-V2 INTERVALS  
 INVENTORS: Grandjean, Pierre A.  
 Struble, Chester L.

P10183.00	US			F			LW091	TFW	09/897,291 06/29/2001	
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Agent: Agent Ref. No:  
 TITLE: CATHETER SYSTEM HAVING DISPOSABLE BALLOON  
 INVENTORS: Greco, Francoco  
 Jorgensen, Kenneth  
 Nielsen, Marianne  
 Pedersen, Anders Kirstein  
 Aundal, Knud

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TECHNOLOGY CENTER R3700

P10194.00	US			F			LW091	TFW	10/126,733 04/22/2002	
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Agent: Agent Ref. No:  
 TITLE: ESTIMATION OF STROKE VOLUME AND CARDIAC OUTPUT USING AN INTRACARDIAL PRESSURE SENSOR  
 INVENTORS: Muhlenberg, Lambert  
 Struble, Chester L.

P10282.00	US			F			LW091	TFW	10/126,710 04/22/2002	
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Agent: Agent Ref. No:  
 TITLE: CARDIAC OUTPUT MEASUREMENT USING DUAL OXYGEN SENSORS IN RIGHT AND LEFT VENTRICLES  
 INVENTORS: Struble, Chester L.  
 Muhlenberg, Lambert  
 Grandjean, Pierre A.

P10283.00	US			F			LW091	TFW	10/126,816 04/22/2002	
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Agent: Agent Ref. No:  
 TITLE: ORGANIZING DATA ACCORDING TO CARDIAC RHYTHM TYPE  
 INVENTORS: Struble, Chester L.  
 Muhlenberg, Lambert  
 Grandjean, Pierre A.

P10321.00	US			F			LW091	TFW	10/127,038 04/22/2002	
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Agent: Agent Ref. No:  
 TITLE: ATRIOVENTRICULAR DELAY ADJUSTMENT  
 INVENTORS: Struble, Chester L.  
 Muhlenberg, Lambert

P10344.00	US			F			LW091	TFW	10/126,638 04/22/2002	
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Agent: Agent Ref. No:  
 TITLE: SEAMLESS COMMUNICATION BETWEEN AN IMPLANTABLE MEDICAL DEVICE AND A REMOTE SYSTEM  
 INVENTORS: Houben, Richard P M  
 Donders, Adrianus P. (Jos)

P10346.00	US		L	F			LW091	TFW	60/331,543 11/19/2001	
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Agent: Agent Ref. No:  
 TITLE: METHOD FOR NON-INVASIVE FETAL CARDIAC PACING  
 INVENTORS: Eick, Olaf J.  
 Miehaus, Michael  
 Houben, Richard P M

## PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P10408.00	US			F				LW091	TFW	10/133,466 04/29/2002
Agent:								Agent Ref. No:		
TITLE: STIMULATION CONTROL FOR BRAIN STIMULATION										
INVENTORS: Gielen, Frans L H										
P10410.00	US			L	F			LW091	TFW	60/333,473 11/28/2001
Agent:								Agent Ref. No:		
TITLE: METHOD TO SENSE A BRAIN SIGNAL CORRESPONDING TO PERCEPTION OF PAIN AND USE AS FEEDBACK TO CONTROL A BRAIN NEUROSTIMULATOR, DRUG INFUSION DEVICE, OR OTHER MEDICAL DEVICE										
INVENTORS: Mullett, Keith R.										
P10410.00	US			F				LW091	TFW	10/132,508 04/26/2002
Agent:								Agent Ref. No:		
TITLE: BRAIN SIGNAL FEEDBACK FOR PAIN MANAGEMENT										
INVENTORS: Mullett, Keith R.										
P10438.00	US			F				LW091	TFW	10/131,261 04/25/2002
Agent:								Agent Ref. No:		
TITLE: IMPLANTABLE ELECTROPORTION THERAPY DEVICE AND METHOD FOR USING SAME										
INVENTORS: Ferek-Petric, Bozidar										
P10489.00	US			L	F			LW091	TFW	60/336,728 12/07/2001
Agent:								Agent Ref. No:		
TITLE: PRECORDIAL SUPERIOR VENA CAVA ELECTRODE ARRANGEMENT FOR AN IMPLANTABLE CARDIOVERTER DEFIBRILLATOR										
INVENTORS: Smits, Karel F.A.A.										
P10498.00	US			L	F			LW091	TFW	60/375,080 04/25/2002
Agent:								Agent Ref. No:		
TITLE: PACEMAKER BLANKING BY MAGNETIC RESONANCE IMAGING (MRI) DEVICE										
INVENTORS: Zeijlemaker, Volkert A										
P10499.00	US			L	F			LW091	TFW	60/375,076 04/25/2002
Agent:								Agent Ref. No:		
TITLE: MAGNETIC RESONANCE IMAGING (MRI) TRIGGERED BY THE IMPLANTING PACING SYSTEM										
INVENTORS: Zeijlemaker, Volkert A										
P10500.00	US			L	F			LW091	TFW	60/375,077 04/25/2002
Agent:								Agent Ref. No:		
TITLE: TELEMETRY BLANKING FOR PACEMAKERS AND ICDs BY MAGNETIC RESONANCE IMAGING (MRI) DEVICES										
INVENTORS: Zeijlemaker, Volkert A										
P10512.00	US			L	F			LW091	TFW	60/375,081 04/25/2002
Agent:								Agent Ref. No:		
TITLE: EXTERNAL PUMP CONTROLLER										
INVENTORS: Donders, Adrianus P. (Jos) Houben, Richard P M										
P4059.01	US			F				LW091	TFW	09/558,869 04/28/2000
Agent: Frank B. Dehn & Co.								Agent Ref. No:		
TITLE: METHOD AND APPARATUS FOR INHIBITING OR MINIMIZING CALCIFICATION OF AORTIC VALVES										
INVENTORS: Sutton, Richard										
P4517.00	US			F				LW091	TFW	09/542,258 04/03/2000
Agent:								Agent Ref. No:		
TITLE: DUAL CHAMBER PACING SYSTEM HAVING TIME- ADAPTIVE AV DELAY										
INVENTORS: Struble, Chester L. Heynen, Henri G.										

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PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P4566.00	US				F		LW091	TFW	09/721,881 11/27/2000	
Agent: Agent Ref. No: TITLE: STENTS AND METHODS FOR PREPARING STENTS FROM WIRES HAVING HYDROGEL COATING LAYERS THEREON INVENTORS: Verhoeven, Michel Cahalan, Patrick T. Cahalan, Linda L. Larik, Vincent										
P4782.03	US	C	01	M	F		LW091	TFW	09/494,531 01/31/2000	
Agent: Agent Ref. No: TITLE: SYSTEM AND METHOD FOR RESPIRATION - MODULATED PACING INVENTORS: Renirie, Alexis C.M. Schouten, Vincent JA										
P4971.04	US	C	01	M	F		LW091	TFW	09/433,567 11/04/1999	
Agent: Agent Ref. No: TITLE: SYSTEM FOR PANCREATIC STIMULATION AND GLUCOSE MEASUREMENT INVENTORS: Houben, Richard P M Renirie, Alexis C.M. Weijand, Koen J.										
P4971.05	US	D	02		F		LW091	TFW	09/551,216 04/17/2000	
Agent: Agent Ref. No: TITLE: A SYSTEM FOR DELIVERING INSULIN INVENTORS: Houben, Richard P M Renirie, Alexis C.M. Weijand, Koen J.										
P4971.07	US	C	02		F		LW091	TFW	09/945,686 09/05/2001	
Agent: Agent Ref. No: TITLE: SYSTEM FOR PANCREATIC STIMULATION AND GLUCOSE MEASUREMENT INVENTORS: Houben, Richard P M Renirie, Alexis C.M. Weijand, Koen J.										
P7322.02	US	D	01		F		LW091	TFW	09/558,872 04/28/2000	
Agent: Agent Ref. No: TITLE: IMPLANTABLE DRUG INFUSION DEVICE HAVING A FLOW REGULATOR INVENTORS: Renaud, Philippe Haller, Markus Amacker, Christian										
P7322.04	US	C	01		F		LW091	TFW	09/712,237 11/15/2000	
Agent: Agent Ref. No: TITLE: IMPLANTABLE DRUG INFUSION DEVICE HAVING A FLOW REGULATOR INVENTORS: Renaud, Philippe Haller, Markus Amacker, Christian										
P7326.02	US	D	01	M	F		LW091	TFW	09/273,457 03/22/1999	
Agent: Agent Ref. No: TITLE: MEDICAL ELECTRICAL LEAD INVENTORS: Woloszko, Jean Camps, Antoine N J M (Toine) Van Der Kruk, Ron										
P7354.02	US	P	01	M	F		LW091	TFW	09/494,530 01/31/2000	
Agent: Agent Ref. No: TITLE: SAFTEY VALVE ASSEMBLY FOR IMPLANTABLE BENEFICIAL AGENT INFUSION DEVICE INVENTORS: Haller, Markus Weijand, Koen J.										

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Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P7354.03	US	P	02		F		LW091	TFW	09/519,563 03/06/2000	
Agent: Agent Ref. No: TITLE: DRIVE CIRCUIT HAVING IMPROVED ENERGY EFFICIENCY FOR IMPLANTABLE BENEFICIAL AGENT INFUSION OR DELIVERY DEVICE INVENTORS: Haller, Markus Weijand, Koen J.										
P7354.06	US	D	01		F		LW091	TFW	10/132,515 04/26/2002	
Agent: Agent Ref. No: TITLE: SAFETY VALVE ASSEMBLY FOR IMPLANTABLE BENEFICIAL AGENT INFUSION DEVICE INVENTORS: Haller, Markus Weijand, Koen J.										
P7354.07	US	D	02		F		LW091	TFW	10/132,514 04/26/2002	
Agent: Agent Ref. No: TITLE: SAFETY VALVES ASSEMBLY FOR IMPLANTABLE BENEFICIAL AGENT INFUSION DEVICE INVENTORS: Haller, Markus Weijand, Koen J.										
P7438.06	US	P	01		F		LW091	TFW	09/871,657 06/04/2001	
Agent: Agent Ref. No: TITLE: DEVICES, SYSTEMS AND METHODS FOR TRANSLUMINALLY AND CONTROLLABLY FORMING INTRAMYOCARDIAL CHANNELS IN CARDIAC TISSUE INVENTORS: Dietz, Ulrich Eick, Olaf J. Duysens, Victor Darius, Harold										
P7492.01	US	D	01		F		LW091	TFW	09/746,011 12/26/2000	
Agent: Agent Ref. No: TITLE: LAMINA PROSTHESIS FOR DELIVERY OF MEDICAL TREATMENT INVENTORS: Gielen, Frans L H Knuth, Henricus M.										
P7492.02	US	D	02		F		LW091	TFW	09/746,021 12/26/2000	
Agent: Agent Ref. No: TITLE: LAMINA PROSTHESIS FOR DELIVERY OF MEDICAL TREATMENT INVENTORS: Gielen, Frans L H Knuth, Henricus M.										
P7553.00	US				F		LW091	TFW	09/433,564 11/04/1999	
Agent: Agent Ref. No: TITLE: BIOLOGICAL TISSUE ADHESIVES, ARTICLES, AND METHODS INVENTORS: Hendriks, Marc Verhoeven, Michel Cahalan, Patrick T. Larik, Vincent										
P7553.01	US	D	01		F		LW091	TFW	10/132,516 04/26/2002	
Agent: Agent Ref. No: TITLE: BIOLOGICAL TISSUE ADHESIVES, ARTICLES, AND METHODS INVENTORS: Hendriks, Marc Verhoeven, Michel Cahalan, Patrick T. Larik, Vincent										

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PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P7565.00	US				F		LW091	TFW	09/340,440 06/28/1999	
Agent: Agent Ref. No: TITLE: IMPLANTABLE DEVICE INCLUDING A POLYAMINO ACID COMPONENT INVENTORS: Larik, Vincent Hendriks, Marc Cahalan, Patrick T. Verhoeven, Michel Cahalan, Linda L.										
P7640.08	US	D	06		F		LW091	TFW	09/946,495 09/06/2001	
Agent: Agent Ref. No: TITLE: FOUR-CHAMBER PACING SYSTEM FOR OPTIMIZING CARDIAC OUTPUT AND DETERMINING HEART CONDITION INVENTORS: Leinders, Robert Bakels, Arnoldus P. DeRoos, Cobus										
P7718.00	US				F		LW091	TFW	09/449,936 11/29/1999	
Agent: Agent Ref. No: TITLE: MEDICAL ELECTRICAL LEAD HAVING BENDING STIFFNESSES WHICH INCREASE IN THE DISTAL DIRECTION INVENTORS: Smits, Karel F.A.A.										
P7718.03	US	D	01		F		LW091	TFW	09/947,060 09/06/2001	
Agent: Agent Ref. No: TITLE: MEDICAL ELECTRICAL LEAD HAVING BENDING STIFFNESSES WHICH INCREASE IN THE DISTAL DIRECTION INVENTORS: Smits, Karel F.A.A.										
P7853.01	US	D	01		F		LW091	TFW	09/832,925 04/12/2001	
Agent: Agent Ref. No: TITLE: APPARATUS AND METHOD FOR MEASURING THE AMOUNT OF FLUID CONTAINED IN AN IMPLANTABLE MEDICAL DEVICE INVENTORS: Peer, Twan Bakels, Arnoldus P.										
P7856.02	US	D	01		F		LW091	TFW	09/799,709 03/07/2001	
Agent: Agent Ref. No: TITLE: SYSTEM AND METHOD FOR OPTIMIZED BRAIN STIMULATION INVENTORS: Gielen, Frans L H										
P7902.00	US				F		LW091	TFW	09/340,441 06/28/1999	
Agent: Agent Ref. No: TITLE: METHOD FOR COATING IMPLANTABLE DEVICES INVENTORS: Martinez, Gonzalo Taylor, John J Keeney, Kenneth W. Haller, Markus										
P7946.00	US				F		LW091	TFW	09/779,535 02/09/2001	
Agent: Agent Ref. No: TITLE: METHODS FOR MODIFYING SURFACES OF ARTICLES INVENTORS: Koulik, Edouard Cahalan, Patrick T. Iwata, Hiroo										
P8027.00	US				F		LW091	TFW	09/348,506 07/07/1999	
Agent: Agent Ref. No: TITLE: SYSTEM FOR REMOTE COMMUNICATION WITH A MEDICAL DEVICE INVENTORS: Ferek-Petric, Bozidar										

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PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P8032.00	US				F		LW091	TFW	09/842,404 04/26/2001	
Agent:								Agent Ref. No:		
TITLE: DIAGNOSTIC FEATURES IN BI-ATRIAL AND/OR BI-VENTRICULAR PACING SYSTEMS										
INVENTORS: Struble, Chester L.										
P8047.00	US				F		LW091	TFW	09/518,796 03/03/2000	
Agent:								Agent Ref. No:		
TITLE: SYSTEM AND METHOD FOR MONITORING AND CONTROLLING THE GLYCEMIC STATE OF A PATIENT										
INVENTORS: Houben, Richard P M Larik, Vincent										
P8131.00	US				F		LW091	TFW	09/558,867 04/28/2000	
Agent:								Agent Ref. No:		
TITLE: CORONARY SINUS FLOW REGULATED PACING										
INVENTORS: Ferek-Petric, Bozidar										
P8158.00	US				F		LW091	TFW	09/558,870 04/28/2000	
Agent:								Agent Ref. No:		
TITLE: ISCHEMIC HEART DISEASE DETECTION										
INVENTORS: Ferek-Petric, Bozidar										
P8158.02	US	D	01		F		LW091	TFW	10/085,072 03/01/2002	
Agent:								Agent Ref. No:		
TITLE: ISCHEMIC HEART DISEASE DETECTION										
INVENTORS: Ferek-Petric, Bozidar										
P8158.03	US	D	02		F		LW091	TFW	10/085,047 03/01/2002	
Agent:								Agent Ref. No:		
TITLE: ISCHEMIC HEART DISEASE DETECTION										
INVENTORS: Ferek-Petric, Bozidar										
P8191.00	US				F		LW091	TFW	09/843,914 04/30/2001	
Agent:								Agent Ref. No:		
TITLE: METHODS FOR ADJUSTING CARDIAC DETECTION CRITERIA AND IMPLANTABLE MEDICAL DEVICES USING SAME										
INVENTORS: Ferek-Petric, Bozidar										
P8240.00	US				F		LW091	TFW	09/779,536 02/09/2001	
Agent:								Agent Ref. No:		
TITLE: HEPARIN COMPOSITIONS AND METHODS OF MAKING AND USING THE SAME										
INVENTORS: Koulik, Edouard										
P8278.00	US				F		LW091	TFW	09/842,879 04/27/2001	
Agent: Mueting, Raasch, Gebhardt								Agent Ref. No: 134.01550101		
TITLE: CONTROL OF PACING RATE IN MODE SWITCHING IMPLANTABLE MEDICAL DEVICES										
INVENTORS: Struble, Chester L. Dunham, David										
P8279.00	US				F		LW091	TFW	09/842,884 04/27/2001	
Agent:								Agent Ref. No:		
TITLE: COMMITTED VENTRICULAR SAFETY PACING										
INVENTORS: Struble, Chester L.										
P8382.00	US				F		LW091	TFW	09/842,233 04/26/2001	
Agent:								Agent Ref. No:		
TITLE: HYSTERESIS ACTIVATION OF ACCELERATED PACING										
INVENTORS: Struble, Chester L. Grandjean, Pierre A.										

PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Div.	Pat No.
P8418.00	US				F		LW091	TFW	09/353,619 07/15/1999		
Agent: Agent Ref. No: TITLE: SYSTEM FOR PROVIDING MEDICAL ELECTRICAL STIMULATION INVENTORS: Holsheimer, Jan											
P8553.00	US	P	01		F		LW091	TFW	09/519,562 03/06/2000		
Agent: Agent Ref. No: TITLE: MEDICAL ELECTRICAL LEAD WITH INTERCHANGEABLE FIXATION MEMBER INVENTORS: Camps, Antoine N J M (Toine) Duysens, Victor Kretzers, Leonardus J. C. Gerber, Martin T.											
P8553.01	US	D	01		F		LW091	TFW	10/132,513 04/26/2002		
Agent: Agent Ref. No: TITLE: METHOD OF IMPLANTING A MEDICAL ELECTRICAL LEAD INVENTORS: Camps, Antoine N J M (Toine) Duysens, Victor Kretzers, Leonardus J. C. Gerber, Martin T.											
P8564.00	US				F		LW091	TFW	10/131,417 04/25/2002		
Agent: Agent Ref. No: TITLE: VENTRICULAR SAFETY PACING IN BIVENTRICULAR PACING INVENTORS: Kramm, Berthold											
P8572.00	US				F		LW091	TFW	10/004,848 12/04/2001		
Agent: Agent Ref. No: TITLE: PATIENT ACTIVATED ADMINISTRATION OF DRUG BOLUS FROM IMPLANTABLE DRUG DELIVERY SYSTEM INVENTORS: Haller, Markus											
P8573.00	US				F		LW091	TFW	09/727,461 12/04/2000		
Agent: Agent Ref. No: TITLE: MEDICAL DEVICE AND METHODS OF USE INVENTORS: Hendriks, Marc											
P8580.03	US	D	01		F		LW091	TFW	09/947,433 09/07/2001		
Agent: Agent Ref. No: TITLE: TEMPORARY MEDICAL ELECTRICAL LEAD HAVING BIODEGRADABLE ELECTRODE MOUNTING PAD LOADED WITH THERAPEUTIC DRUG INVENTORS: Lindemans, Fredric W. Gebhardt, Ursula Hendriks, Marc											
P8623.00	US				F		LW091	TFW	09/842,232 04/26/2001		
Agent: Agent Ref. No: TITLE: PVC RESPONSE-TRIGGERED BLANKING IN A CARDIAC PACING SYSTEM INVENTORS: Struble, Chester L.											
P8722.00	US				F		LW091	TFW	09/779,537 02/09/2001		
Agent: Agent Ref. No: TITLE: ECHOGENIC DEVICES AND METHODS OF MAKING AND USING SUCH DEVICES INVENTORS: Koullik, Edouard											
P8799.00	US				F		LW091	TFW	10/127,033 04/22/2002		
Agent: Agent Ref. No: TITLE: INSULIN-MEDICATED GLUCOSE UPTAKE MONITOR INVENTORS: Houben, Richard P M											



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Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P8892.00	US			F			LW091	TFW	09/727,462 12/04/2000	
Agent:								Agent Ref. No:		
TITLE: IMPLANTABLE MEDICAL DEVICE TELEMETRY CONTROL SYSTEMS AND METHODS OF USE INVENTORS: Ferek-Petric, Bozidar										
P8936.00	US			F			LW091	TFW	10/132,510 04/26/2002	
Agent:								Agent Ref. No:		
TITLE: CAPTURE MANAGEMENT IN MULTI-SITE PACING INVENTORS: Ferek-Petric, Bozidar										
P8937.00	US			F			LW091	TFW	10/126,604 04/22/2002	
Agent:								Agent Ref. No:		
TITLE: DETECTING COAGULUM FORMATION INVENTORS: Eick, Olaf J.										
P8943.00	US			F			LW091	TFW	09/742,118 12/22/2000	
Agent:								Agent Ref. No:		
TITLE: IMPLANTABLE MEDICAL DEVICE PROGRAMMING WANDS HAVING INTEGRAL INPUT DEVICE INVENTORS: Ferek-Petric, Bozidar										
P8946.00	US			F			LW091	TFW	10/132,320 04/26/2002	
Agent:								Agent Ref. No:		
TITLE: ULTRASONIC SEPTUM MONITORING FOR IMPLANTABLE MEDICAL DEVICES INVENTORS: Houben, Richard P M Donders, Adrianus P. (Jos)										
P8975.00	US			F			LW091	TFW	09/449,934 11/29/1999	
Agent:								Agent Ref. No:		
TITLE: MEDICAL ELECTRICAL LEAD HAVING VARIABLE BENDING STIFFNESS INVENTORS: Smits, Karel F.A.A.										
P8975.03	US	D	01		F		LW091	TFW	09/947,065 09/06/2001	
Agent:								Agent Ref. No:		
TITLE: MEDICAL ELECTRICAL LEAD HAVING VARIABLE BENDING STIFFNESS INVENTORS: Smits, Karel F.A.A.										
P9030.00	US			F			LW091	ERW	09/535,840 03/28/2000	
Agent:								Agent Ref. No:		
TITLE: PANCREATIC SECRETION RESPONSE TO STIMULATION TEST PROTOCOL INVENTORS: Marchal, Benoit										
P9073.00	US			F			LW091	TFW	09/765,506 01/18/2001	
Agent:								Agent Ref. No:		
TITLE: MINIATURIZED DRUG DELIVERY DEVICES SYSTEMS AND METHODS INVENTORS: Haller, Markus Clement, Claude										
P9085.00	US	P	01		F		LW091	TFW	09/765,484 01/18/2001	
Agent:								Agent Ref. No:		
TITLE: SYSTEM AND METHOD OF COMMUNICATING BETWEEN AN IMPLANTABLE MEDICAL DEVICE AND A REMOTE COMPUTER SYSTEM OR HEALTH CARE PROVIDER INVENTORS: Haller, Markus Donders, Adrianus P. (Jos) Ferek-Petric, Bozidar										
P9206.00	US			F			LW091	TFW	10/126,516 04/22/2002	
Agent:								Agent Ref. No:		
TITLE: CARDIAC RESYNCHRONIZATION WITH ADAPTIVE A1-A2 AND OR V1-V2 INTERVALS INVENTORS: Struble, Chester L. Grandjean, Pierre A.										

06/24/2002

PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P9258.00	US				F		LW091	TFW	10/132,509 04/26/2002	
Agent: Agent Ref. No: TITLE: ABLATION METHOD AND MEDICAL APPARATUS USING SAME INVENTORS: Ferek-Petric, Bozidar										
P9416.00	US	P	01		F		LW091	TFW	09/764,700 01/18/2001	
Agent: Agent Ref. No: TITLE: SYSTEM AND METHOD FOR EMERGENCY COMMUNICATION BETWEEN AN IMPLANTABLE MEDICAL DEVICE AND A REMOTE COMPUTER SYSTEM OF HEALTH CARE PROVIDER INVENTORS: Haller, Markus Ferek-Petric, Bozidar Donders, Adrianus P. (Jos)										
P9417.00	US	P	01		F		LW091	TFW	09/765,218 01/18/2001	
Agent: Agent Ref. No: TITLE: SYSTEM AND METHOD OF AUTOMATED INVOICING FOR COMMUNICATIONS BETWEEN AN IMPLANTABLE MEDICAL DEVICE AND A REMOTE COMPUTER SYSTEM FOR HEALTH PROVIDER INVENTORS: Haller, Markus Ferek-Petric, Bozidar Donders, Adrianus P. (Jos)										
P9418.00	US	P	01		F		LW091	TFW	09/764,681 01/18/2001	
Agent: Agent Ref. No: TITLE: SYSTEM AND METHOD FOR REMOTE PROGRAMMING OF AN IMPLANTABLE MEDICAL DEVICE INVENTORS: Haller, Markus Ferek-Petric, Bozidar Donders, Adrianus P. (Jos)										
P9436.00	US				F		LW091	TFW	09/842,147 04/26/2001	
Agent: Agent Ref. No: TITLE: PRESSURE- MODULATED RATE-RESPONSIVE CARDIAC PACING INVENTORS: Struble, Chester L.										
P9437.00	US				F		LW091	TFW	10/126,538 04/22/2002	
Agent: Agent Ref. No: TITLE: IMPLANTABLE DRUG DELIVERY SYSTEM RESPONSIVE TO INTRA-CARDIAC PRESSURE INVENTORS: Struble, Chester L.										
P9440.00	US				F		LW091	TFW	09/842,148 04/26/2001	
Agent: Agent Ref. No: TITLE: DRUG DELIVERY FOR TREATMENT OF CARDIAC ARRHYTHMIA INVENTORS: Struble, Chester L.										
P9463.00	US				F		LW091	TFW	10/126,858 04/22/2002	
Agent: Agent Ref. No: TITLE: PRESSURE-MODULATED ENERGY LEVEL FOR PACING PULSES INVENTORS: Struble, Chester L.										
P9464.00	US				F		LW091	TFW	10/126,539 04/22/2002	
Agent: Agent Ref. No: TITLE: CARDIAC RESTRAINT WITH ELECTRODE ATTACHMENT SITES INVENTORS: Struble, Chester L. Grandjean, Pierre A. Zeijlemaker, Volkert A. Smits, Karel F.A.A.										

06/24/2002

PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P9473.00	US				F		LW091	TFW	09/879,282 06/12/2001	
Agent: Agent Ref. No: TITLE: DEEP TRENCH SEMICONDUCTOR CAPACITORS HAVING REVERSE BIAS DIODES FOR IMPLANTABLE MEDICAL DEVICES INVENTORS: Houben, Richard P M Weijand, Koen J.										
P9475.00	US				F		LW091	TFW	10/001,148 11/15/2001	
Agent: Agent Ref. No: TITLE: MYOCARDIAL PERFORMANCE ASSESSMENT INVENTORS: Corbucci, Giorgio										
P9491.00	US				F		LW091	TFW	09/842,813 04/27/2001	
Agent: Agent Ref. No: TITLE: CLOSED LOOP NEUROMODULATION FOR SUPPRESSION OF EPILEPTIC ACTIVITY INVENTORS: Wadman, Wytse Gielen, Frans L H										
P9511.00	US				F		LW091	TFW	10/126,537 04/22/2002	
Agent: Agent Ref. No: TITLE: BURR HOLE ASSEMBLY FOR STEREOTACTIC FIXATION OF A BRAIN PROBE INVENTORS: Gielen, Frans L H Cornu, Philippe										
P9557.00	US				F		LW091	TFW	09/909,999 07/23/2001	
Agent: Agent Ref. No: TITLE: CELL- BASED BIOSENSORS SUITABLE FOR IMPLANTABLE MEDICAL DEVICE APPLICATIONS INVENTORS: Houben, Richard P M Larik, Vincent										
P9648.00	US				F		LW091	TFW	10/126,522 04/22/2002	
Agent: Agent Ref. No: TITLE: ANTI-TACHYCARDIA PACING BASED ON MULTI-SITE ELECTROGRAMS INVENTORS: Struble, Chester L.										
P9711.00	US			L	F		LW091	TFW	60/371,543 04/11/2002	
Agent: Agent Ref. No: TITLE: METHOD AND APPARATUS FOR AUTOMATIC SHUTDOWN OF HIGH FREQUENCY DELIVERY UPON CATHETER DISLOCATION INVENTORS: Eick, Olaf J. Feron, John C.M.J.										
P9774.00	US			L	F		LW091	TFW	60/333,762 11/29/2001	
Agent: Agent Ref. No: TITLE: TRANS-SEPTAL MEDICAL ELECTRICAL LEADS AND METHODS OF STIMULATING A HEART INVENTORS: Struble, Chester L. Prinzen, Frits W. Smits, Karel F.A.A. Muhlenberg, Lambert Grandjean, Pierre A. Michels, Koen Lokhoff, Nicolaas M.										
P9781.00	US				F		LW091	TFW	10/008,773 12/05/2001	
Agent: Agent Ref. No: TITLE: DIRECTIONAL BRAIN STIMULATION AND RECORDING LEADS INVENTORS: Van Venrooij, Paulus Gielen, Frans L H Mullett, Keith R. Duyssens, Victor Gruia, Dan										

06/24/2002

PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
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P9897.00	US				F		LW091	TFW	10/131,256 04/25/2002	

Agent: Agent Ref. No:  
TITLE: ULTRASOUND METHODS AND IMPLANTABLE MEDICAL DEVICES USING SAME  
INVENTORS: Ferek-Petric, Bozidar  
Breyer, Branko

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P9929.00	US				F		LW091	TFW	10/127,041 04/22/2002	
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Agent: Agent Ref. No:  
TITLE: ANTI-SLIP LEADS FOR PLACEMENT WITHIN TISSUE  
INVENTORS: Struble, Chester L.  
Grandjean, Pierre A.  
Smits, Karel F.A.A.

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98 TOTAL RECORDS REPORTED